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## **GOAT ANTI-GLUR5 / GRIK1 ANTIBODY**

**SKU:** EB08000



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250kDa 150kDa 100kDa 75kDa

50kDa

37kDa

25kDa

20kDa

15kDa





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## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

**Alias** 

GLUR5|GRIK1|glutamate receptor, ionotropic, kainate 1|EAA3|EEA3|GLR5|excitatory amino acid receptor 3

Names

ID

**Accession** 

NP\_000821.1; NP\_783300.1

**Blocking** 

**Peptide** 

EBP08000

**Immunogen** 

Peptide with sequence QCKQTHPTNSTS, from the internal region (near the C Terminus) of the protein

sequence according to NP\_000821.1; NP\_783300.1.

**Product Comments** 

This antibody is expected to recognise both reported isoforms according to NP 000821.1 and NP 783300.1.

**Peptide** 

Sequence

**QCKQTHPTNSTS** 

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Instructions

Refrigerated

**Predicted** 

**Species** 

Human, Mouse, Rat

Reactive

**Species** 

Human

Gene ID

2897

Human

Mouse

14805 Gene ID

Rat Gene ID 29559

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

Grade

IHC Results Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.

**ELISA** 

**Detection** 

Antibody detection limit dilution 1:8000.

Limit

Approx 150kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 104kDa according to NP\_000821.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Christensen et al, J Neurosci. 2004 Oct 13;24(41):8986-93.; PMID: 15483117).

Western **Blot** 

Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. An additional very strong band of unknown identity was also consistently observed at 60kDa. This band was successfully blocked by incubation

with the immunising peptide.





Type

**Application** Pep-ELISA, WB, IHC

## **GALLERY IMAGES**



37kDa

25kDa

20kDa

15kDa

